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February 26, 2003   FEB 26 2003

TO: Examiner Jeffrey Fredman   **GROUP 1600**
           Group 1634
           (703) 308-6568

FROM   Justin D. Karjala
           Celera Genomics Corp. **OFFICIAL**
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OF PAGES (incl. cover):   8

Re: U.S. Serial No. 09/805,455, filed March 14, 2001
      Entitled "ISOLATED HUMAN RAS-LIKE PROTEINS, NUCLEIC ACID
      MOLECULES ENCODING THESE HUMAN RAS-LIKE PROTEINS, AND
      USES THEREOF"
      Atty. Docket No.: CL001165

A Response to Office Action in the above-identified application follows. No fee is due
for this filing.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Weiniu GAN et al.

Serial No.: 09/805,455

Filed: March 14, 2001

For: ISOLATED HUMAN RAS-LIKE PROTEINS,
NUCLEIC ACID MOLECULES ENCODING
THESE HUMAN RAS-LIKE PROTEINS, AND
USES THEREOF

Art Unit: 1634

Examiner: J. Fredman

Atty. Docket: CL001165

RESPONSE TO OFFICE ACTION

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

by facsimile

Sir:

This is in response to an Office Action from Examiner Fredman mailed on February 20, 2003 for the above referenced application. Applicants request reconsideration of the above-referenced patent application in view of the following amendments and remarks.

Please amend the application as follows:

In the Specification:

Please replace the two consecutive paragraphs on page 13 of the specification (the first paragraph begins at line 29 of page 12) with the following two consecutive paragraphs:

The comparison of sequences and determination of percent identity and similarity between two sequences can be accomplished using a mathematical algorithm. (*Computational*

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